

# PC3 Solvent Polyurethane Clear Sparkle Coat



## Description

PC3 Solvent Based Polyurethane Clear Sparkle Coat has been specifically formulated to add a unique sparkle and pop to design elements when a “metallic shimmering look” is desired where lighter colors such as whites or near whites are being used. PC3 Solvent Based Polyurethane Clear Sparkle Coat is less than 50 grams per liter VOC and available across the full spectrum of sheens including gloss, semi-gloss, satin, eggshell and matte/flat. PC3 Solvent Based Polyurethane Clear Sparkle Coat is available at higher VOC levels for use in compliant areas

## Recommended Uses

- Add a sparkle or shimmering effect
- Ideal as a finish coat to solid colors to add additional effect and sparkle
- Can be used on ferrous and non-ferrous substrates

## Features & Benefits

- Aliphatic Polyurethane
- Ultra Low VOC, <1 g/L
- Fine Finish Quality
- Interior /Exterior
- USGBC LEED Version 4 Compliant
- Clear Pearlescent Sparkle Effect
- Non-Yellowing
- Field & Shop Application

## Color & Finish

Color	Finish
Clear	Pearlescent Sparkle Gloss
	Pearlescent Sparkle Semi-Gloss
	Pearlescent Sparkle Satin
	Pearlescent Sparkle Eggshell
	Pearlescent Sparkle Matte

## Surface Preparation

Generally, PC3 Solvent Based Polyurethane Clear Sparkle Coat is designed to be applied over existing coated surfaces where the underlining color is a white or near white. It can be applied to darker colors but a test or mock-up should be done prior to commencing work to confirm appearance and suitability.

Good painting practices require that before applying coatings, a test or mock-up be performed to ensure that adhesion, appearance and color meet the expectations of the owner. Coating performance is proportional to the degree of surface preparation performed prior to priming the substrate. All surfaces must be clean, dry and free of oil, grease, dirt, salt deposits or other contamination. Recommended preparation is as follows:

**Recently Coated Surfaces** - Surface must be clean, dry, and free of any dirt, dust, grease, oil, wax, mildew, disintegrated or chalky materials or other contaminants and in sound condition. A test or mockup should be performed to ensure adhesion and compatibility.

**Previously Coated Surfaces** - Surface must be clean, dry, and free of any dirt, dust, grease, oil, wax, mildew, disintegrated or chalky materials or other contaminants and in sound condition. A test or mockup should be performed to ensure adhesion and compatibility.

**Other Substrates and Surfaces:** Check with the manufacturer prior to application.

### Instructions - Mix Ratio

Stir each container thoroughly before mixing together. Mix thoroughly 3 parts PC3 Solvent Based Polyurethane Clear Sparkle Coat with 1-part PC3 Polyurethane Activator.

Reduction is not necessary. However, clear coat may be reduced up to 10% by volume using acetone or Precision Coatings 16050 VOC Exempt Reducer. For faster cure times, add up to 8 oz of Precision Coatings 12030 Urethane Accelerator per activated gallon of clear coat. For fisheyes or other related surface defects, add 1 oz of Precision Coatings Fisheye Remover, #15000, per activated gallon of clear coat.

## Application

**Environmental Conditions:** Air and surface temperature must be above 50° F and no more than 95° F. Surface temperature must be at least 5°F (3°C) above the dew point.

**Application:** PC3 Solvent Based Polyurethane Clear Sparkle Coat may be applied by spray, roller or brush application. For spray application, apply using 40-55 PSI at the gun for siphon and gravity feed spray guns, 10 PSI max. for HVLP spray guns. Apply 1-3 medium wet coats until desired coverage and flow is reached. Allow a 5 to 10-minute flash time between coats of clear. Recommended film thickness is 2.0 to 3.0 mils DFT. Special care should be taken on edges that need to be coated to ensure that adequate film build is achieved. A stripe coat may be necessary for these conditions.

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## Spray Gun Set-Up & Pressure

Type	Fluid Tip	Spraying Pressure
Siphon Feed	1.4mm – 1.7mm	40-65-PSI
Gravity Feed	1.3mm – 1.4mm	40-65-PSI
HVLP Siphon	1.6mm – 1.8mm	max. 10 PSI @ the air cap
HVLP Gravity	1.3mm – 1.5mm	max. 10 PSI @ the air cap
Pressure Pot	1.1 mm- 1.3 mm	29 PSI - 58 PSI
Airless Spray	Double Orifice 415 through 517 Tips	

## Clean Up

Clean all spray equipment immediately after use. Acetone may be used to clean spray equipment. Precision Coatings 17000 Gun Cleaner is a VOC exempt cleaner and is recommended for cleaning application equipment used to apply the PC3 Solvent Based Polyurethane system.

Refer to Material Safety Data Sheet for proper handling of products listed in this bulletin.

## Dry Times

PC3 Solvent Based Acrylic Polyurethane Clear Sparkle Coat may be air dried or force dried

Dry Times @ 70°F (21°C) & 50% RH	
Dust Free	15 Minutes
Tack Free	3 Hours
Dry Time	24 Hours
Recoat	Maybe recoated with itself at any stage. Standing will become necessary after 24 hrs.
Force Drying	30- Minute flash time / 140°F for 20

Technical Data	
% Solids by Volume	30% as packaged, 35% as applied
Coatings VOC (as packaged)	0.12 g/l (less water & exempt compounds)
Sprayable VOC (as applied)	0.07 g/l (less water & exempt compounds)
Components	PC3v100 (resin) 3 parts / PC-03 (cure) 1 part
Pot Life	3 hours @ 70° F, 21° C
Shelf Life	one year (unopened)
Reducers	optional: use PCI's 16050 VOC Exempt Reducer
Flash Point	79° F, 26° C
Mix Ratio	3:1 (3 parts PC3: 1 part PC-03 Activator)
Recommended Dry Film	2.0 mils to 3.0 mils
Theoretical Coverage	561 – 187 sq ft at recommended DFT (no loss)

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